

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| S1 | 38 | ((MAARTEN) near2 (BODLAENDER)).INV. | US-PGPUB; USPAT | AND | ON | 2008/09/19 10:32 |
| S2 | 9 | S1 and media near3 content | US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/09/19 13:07 |
| S4 | 4 | *2002032019* | US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/09/19 13:15 |
| S3 | 0 | 2002/032019 | US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/09/19 13:15 |
| S5 | 2 | lipman derrell | US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT | AND | ON | 2008/09/19 13:16 |
| S6 | 27 | (*2002/0032019*).URPN. | USPAT | AND | ON | 2008/09/19 13:18 |
| S7 | 21 | S6 and @ad<"20030926" | USPAT | AND | ON | 2008/09/19 13:21 |
| S8 | 0 | radio near3 broadcast\$3 same (replac\$3 switch\$3 chang\$3) near5 (media adj content song) same playlist same (period near3 time) and (time near3 estimat\$3) | USPAT | OR | ON | 2008/09/19 14:01 |
| S11 | 41 | (broadcast\$3 multicast\$3) same (replac\$3 switch\$3 chang\$3) near5 (content song stream) same (period near3 time) | USPAT | OR | ON | 2008/09/19 14:02 |
| S10 | 0 | (broadcast\$3 multicast\$3) same (replac\$3 switch\$3 chang\$3) near5 (content song stream) same playlist same (period near3 time) | USPAT | OR | ON | 2008/09/19 14:02 |

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| S9 | 0 | (broadcast\$3 multicast\$3) same (replac\$3 switch\$3 chang\$3) near5 (media adj content song) same playlist same (period near3 time) | USPAT | OR | ON | 2008/09/19 14:02 |
| S12 | 37 | S11 and @ad< "20030926" | USPAT | AND | ON | 2008/09/19 14:03 |
| S14 | 1 | (channel adj surfing) near5 commercial adj break | USPAT | AND | ON | 2008/09/19 14:34 |
| S13 | 291 | channel adj surfing | USPAT | AND | ON | 2008/09/19 14:34 |
| S17 | 27 | S16 and @ad< "20030926" | USPAT | AND | ON | 2008/09/19 14:36 |
| S16 | 27 | ((channel adj surfing) same (period near3 time)) | USPAT | AND | ON | 2008/09/19 14:36 |
| S15 | 0 | ((channel adj surfing) same (period near3 time) same estimat\$3 | USPAT | AND | ON | 2008/09/19 14:36 |
| S18 | 0 | search\$3 near3 channel same (while during) near3 commercial | USPAT | OR | ON | 2008/09/19 14:49 |
| S20 | 12 | S19 and @ad< "20030926" | USPAT | AND | ON | 2008/09/19 14:50 |
| S19 | 12 | search\$3 near3 channel same commercial | USPAT | OR | ON | 2008/09/19 14:50 |
| S23 | 3 | S22 and S21 | USPAT | AND | ON | 2008/09/22 15:20 |
| S22 | 291 | channel adj surfing | USPAT | AND | ON | 2008/09/22 15:20 |
| S21 | 2499 | (709/231).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2008/09/22 15:20 |
| S27 | 7 | S26 and @ad< "20030926" | USPAT | AND | ON | 2008/09/22 15:21 |
| S26 | 7 | radio near3 broadcast\$3 same (replac\$3 switch\$3 chang\$3) and S21 | USPAT | OR | ON | 2008/09/22 15:21 |
| S25 | 538 | S24 and @ad< "20030926" | USPAT | AND | ON | 2008/09/22 15:21 |
| S24 | 588 | (broadcast\$3 multicast\$3) and S21 | USPAT | OR | ON | 2008/09/22 15:21 |
| S28 | 0 | "10532470" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | AND | ON | 2009/03/23 15:25 |

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| S55 | 7 | S54 and @ad<"20030926" | USPAT | AND | ON | 2009/03/23 15:56 |
| S54 | 7 | radio near3 broadcast\$3 same (replac\$3 switch\$3 chang\$3) and S49 | USPAT | OR | ON | 2009/03/23 15:56 |
| S53 | 563 | S52 and @ad<"20030926" | USPAT | AND | ON | 2009/03/23 15:56 |
| S52 | 640 | (broadcast\$3 multicast\$3) and S49 | USPAT | OR | ON | 2009/03/23 15:56 |
| S51 | 3 | S50 and S49 | USPAT | AND | ON | 2009/03/23 15:56 |
| S50 | 311 | channel adj surfing | USPAT | AND | ON | 2009/03/23 15:56 |
| S49 | 2726 | (709/231).OCLS. | US-PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2009/03/23 15:56 |
| S48 | 12 | S47 and @ad<"20030926" | USPAT | AND | ON | 2009/03/23 15:56 |
| S47 | 12 | search\$3 near3 channel same commercial | USPAT | OR | ON | 2009/03/23 15:56 |
| S46 | 0 | search\$3 near3 channel same (while during) near3 commercial | USPAT | OR | ON | 2009/03/23 15:56 |
| S45 | 28 | S44 and @ad<"20030926" | USPAT | AND | ON | 2009/03/23 15:56 |
| S44 | 29 | (channel adj surfing) same (period near3 time) | USPAT | AND | ON | 2009/03/23 15:56 |
| S43 | 0 | (channel adj surfing) same (period near3 time) same estimat\$3 | USPAT | AND | ON | 2009/03/23 15:56 |
| S42 | 1 | (channel adj surfing) near5 commercial adj break | USPAT | AND | ON | 2009/03/23 15:56 |
| S41 | 311 | channel adj surfing | USPAT | AND | ON | 2009/03/23 15:56 |
| S40 | 38 | S39 and @ad<"20030926" | USPAT | AND | ON | 2009/03/23 15:56 |
| S39 | 47 | (broadcast\$3 multicast\$3) same (replac\$3 switch\$3 chang\$3) near5 (content song stream) same (period near3 time) | USPAT | OR | ON | 2009/03/23 15:56 |
| S38 | 0 | (broadcast\$3 multicast\$3) same (replac\$3 switch\$3 chang\$3) near5 (content song stream) same playlist same (period near3 time) | USPAT | OR | ON | 2009/03/23 15:56 |

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| S37 | 0 | (broadcast\$3 multicast\$3) same (replac\$3 switch\$3 chang\$3) near5 (media adj content song) same playlist same (period near3 time) | USPAT | OR | ON | 2009/03/23 15:56 |
| S36 | 0 | radio near3 broadcast\$3 same (replac\$3 switch\$3 chang\$3) near5 (media adj content song) same playlist same (period near3 time) and (time near3 estimat\$3) | USPAT | OR | ON | 2009/03/23 15:56 |
| S35 | 21 | S34 and @ad< "20030926" | USPAT | AND | ON | 2009/03/23 15:56 |
| S34 | 29 | ("2002/032019").URPN. | USPAT | AND | ON | 2009/03/23 15:56 |
| S33 | 2 | lipman derrell | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT | AND | ON | 2009/03/23 15:56 |
| S32 | 4 | "2002032019" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT | AND | ON | 2009/03/23 15:56 |
| S31 | 0 | 2002/032019 | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT | AND | ON | 2009/03/23 15:56 |
| S30 | 9 | S29 and media near3 content | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT | AND | ON | 2009/03/23 15:56 |
| S29 | 48 | ((MAARTEN) near2 (BODLAENDER)).INV. | US-PGPUB; USPAT | AND | ON | 2009/03/23 15:56 |
| S56 | 181 | ((search\$3) near5 ((substitut\$3 replac\$3 alternat\$3) near5 (video stream\$3 music media)) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2009/07/27 13:16 |
| S57 | 0 | ((search\$3) near5 ((substitut\$3 replac\$3 alternat\$3) near5 (video stream\$3 music media)) same (determin\$3 estimat \$3 calculat\$3) near5 (time near5 (duration period)) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2009/07/27 13:17 |

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| S59 | 6 | (search\$3) near5 ((substitut\$3 replac\$3 alternat\$3) near5 (video stream\$3 music media)) and (determin\$3 estimat\$3 calculat\$3) near5 (time near5 (play\$3 duration period)) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2009/07/27 13:18 |
| S58 | 0 | (search\$3) near5 ((substitut\$3 replac\$3 alternat\$3) near5 (video stream\$3 music media)) same (determin\$3 estimat \$3 calculat\$3) near5 (time near5 (play\$3 duration period)) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2009/07/27 13:18 |
| S60 | 67 | (substitut\$3 replac\$3 alternat\$3) near5 (video stream\$3 music media) same (determin\$3 estimat \$3 calculat\$3) near5 (time near5 (play\$3 duration period)) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2009/07/27 13:19 |
| S63 | 1 | (substitut\$3 replac\$3 alternat\$3) near10 ((current present) adj3 (video stream\$3 music media)) same (determin\$3 estimat\$3 calculat\$3) near10 (time near5 (play \$3 duration period)) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2009/07/27 13:20 |
| S62 | 1 | (substitut\$3 replac\$3 alternat\$3) near10 ((current present) adj3 (video stream\$3 music media)) same (determin\$3 estimat\$3 calculat\$3) near5 (time near5 (play\$3 duration period)) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2009/07/27 13:20 |
| S61 | 1 | (substitut\$3 replac\$3 alternat\$3) near5 (current present) adj3 (video stream \$3 music media) same (determin\$3 estimat\$3 calculat\$3) near5 (time near5 (play\$3 duration period)) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2009/07/27 13:20 |

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| S64 | 1 | (substitut\$3 replac\$3 alternat\$3) near10 ((current present) adj3 (video stream\$3 music media broadcast\$3)) same (determin\$3 estimat\$3 calculat\$3) near10 (time near5 (play\$3 duration period)) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2009/07/27 13:21 |
| S66 | 1 | (substitut\$3 replac\$3 alternat\$3) near10 ((current present) adj3 (video stream\$3 music media broadcast\$3)) and (determin\$3 estimat\$3 calculat\$3) near10 (time near5 (play\$3 remain\$3)) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2009/07/27 13:22 |
| S65 | 0 | (substitut\$3 replac\$3 alternat\$3) near10 ((current present) adj3 (video stream\$3 music media broadcast\$3)) same (determin\$3 estimat\$3 calculat\$3) near10 (time near5 (play\$3 remain\$3)) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2009/07/27 13:22 |
| S67 | 34 | (substitut\$3 replac\$3 alternat\$3) near10 (video stream\$3 music media broadcast\$3) same (determin\$3 estimat\$3 calculat\$3) near10 (time near5 (play\$3 remain\$3)) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2009/07/27 13:23 |
| S69 | 12575 | (determin\$3 measur\$3) near5 ((play\$3 remain\$3) near5 (time duration period)) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2009/07/27 13:30 |
| S68 | 15711 | (determin\$3 measur\$3) near10 ((play\$3 remain\$3) near5 (time duration period)) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2009/07/27 13:30 |
| S70 | 1174 | (determin\$3 measur\$3) near5 ((play\$3 remain\$3) near5 (time duration period)) same (multimedia stream\$3 video music media) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2009/07/27 13:31 |

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| S71 | 536 | (determin\$3 measur\$3) near5 ((play\$3 remain\$3) near5 (time duration period)) near10 (multimedia stream\$3 video music media) and @ad<"20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2009/07/27 13:32 |
| S72 | 24 | (determin\$3 measur\$3) near5 ((play\$3 remain\$3) near5 (time duration period)) near10 (multimedia stream\$3 video music media broadcast\$3) same (substitut\$3 replac\$3 chang \$3) near10 (multimedia stream\$3 video music media broadcast\$3) and @ad<"20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2009/07/27 13:33 |
| S74 | 58 | (determin\$3 measur\$3) near5 ((play\$3 remain\$3 output\$4) near5 (time duration period)) same (search\$3 surf\$3) near10 (multimedia stream\$3 video music media broadcast\$3 channel) and @ad<"20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2009/07/27 13:45 |
| S73 | 247 | (determin\$3 measur\$3) near5 ((play\$3 remain\$3 output\$4) near5 (time duration period)) same (substitut\$3 replac\$3 chang \$3 search\$3 surf\$3) near10 (multimedia stream \$3 video music media broadcast\$3 channel) and @ad<"20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2009/07/27 13:45 |
| S75 | 45 | (determin\$3 measur\$3) near5 ((play\$3 remain\$3 output\$4) near5 (time duration period)) same (search\$3 surf\$3) near5 (multimedia stream\$3 video music media broadcast\$3 channel) and @ad<"20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2009/07/27 13:46 |

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| S76 | 0 | (determin\$3 measur\$3) near5 ((play\$3 remain\$3 output\$4 display\$3) near5 (time duration period)) same (search\$3 surf\$3) near10 ((other another) adj3 (multimedia stream\$3 video music media broadcast\$3 channel)) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2009/07/27 14:02 |
| S77 | 51895 | (determin\$3 measur\$3) near5 ((play\$3 remain\$3 output\$4 display\$3) near5 (time duration period)) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2009/07/27 14:03 |
| S79 | 0 | substitut\$3 near5 (alternative adj3 (content multimedia stream\$3 media)) same (determin\$3 measur\$3 calculat\$3 estimat\$3) near5 ((play\$3 remain\$3 output\$4) near5 (time duration period)) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2009/07/27 14:09 |
| S78 | 77 | substitut\$3 near5 (alternative adj3 (content multimedia stream\$3 media)) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2009/07/27 14:09 |
| S81 | 1 | substitut\$3 near10 (alternative adj3 (content multimedia stream\$3 media)) same (determin\$3 measur\$3 calculat\$3 estimat\$3) near10 (time duration period) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2009/07/27 14:10 |
| S80 | 1 | substitut\$3 near5 (alternative adj3 (content multimedia stream\$3 media)) same (determin\$3 measur\$3 calculat\$3 estimat\$3) near5 (time duration period) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2009/07/27 14:10 |
| S82 | 9 | (substitut\$3 replac\$3 alternat\$3) near5 (video stream\$3 music media) same (determin\$3 estimat\$3 calculat\$3) near5 (remain\$3 near5 (time duration period)) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/07/08 12:42 |

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| S85 | 7 | (substitut\$3 replac\$3 alternat\$3) near10 (video stream\$3 music media) same (determin\$3 estimat\$3 calculat\$3) near10 (time duration period) same (switch\$3 chang\$3) near10 channel and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/07/08 12:46 |
| S84 | 0 | (substitut\$3 replac\$3 alternat\$3) near10 (video stream\$3 music media) same (determin\$3 estimat\$3 calculat\$3) near10 (remain\$3 near5 (time duration period)) same (switch\$3 chang\$3) near10 channel and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/07/08 12:46 |
| S86 | 7 | (substitut\$3 replac\$5 alternat\$3) near10 (video stream\$3 music media) same (determin\$3 estimat\$3 calculat\$3) near10 (time duration period) same (switch\$3 chang\$3) near10 channel and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/07/08 12:49 |
| S87 | 4 | (substitut\$3 replac\$5 alternat\$3 switch\$3 chang\$3) near10 (video stream \$3 music media channel) same parent adj2 control\$3 and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/07/08 12:53 |
| S88 | 289 | (substitut\$3 replac\$5 alternat\$3 switch\$3 chang\$3) near10 (video stream \$3 music media channel) and parent adj2 control\$3 and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/07/08 12:56 |
| S89 | 13792 | (substitut\$3 replac\$5 alternat\$3) near10 (video stream\$3 music media channel) same (switch\$3 chang\$3) near10 (video stream\$3 music media channel) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/07/08 12:57 |

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| S90 | 8306 | (substitut\$3 replac\$5 alternat\$3) near5 (video stream\$3 music media channel song) same (switch\$3 chang\$3) near5 (video stream\$3 music media channel song) and @ad<"20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/07/08 12:58 |
| S92 | 23 | (substitut\$3 replac\$5 alternat\$3) near5 (video stream\$3 music media channel song) same (switch\$3 chang\$3) near5 (video stream\$3 music media channel song) same control\$3 near5 broadcast \$3 and @ad<"20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/07/08 12:59 |
| S91 | 0 | (substitut\$3 replac\$5 alternat\$3) near5 (video stream\$3 music media channel song) same (switch\$3 chang\$3) near5 (video stream\$3 music media channel song) same (contol\$3) near5 (video stream\$3 music media channel song) and @ad<"20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/07/08 12:59 |
| S93 | 41 | (substitut\$3 replac\$5 alternat\$3 control\$3) near5 ((video audio tv television) adj2 channel) same (switch\$3 chang\$3) near5 ((video audio tv television) adj2 channel) same broadcast\$3 and @ad<"20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/07/08 13:08 |
| S94 | 6 | (substitut\$3 replac\$5 alternat\$3) near5 ((video audio tv television) adj2 channel) same (switch\$3 chang\$3) near5 ((video audio tv television) adj2 channel) same broadcast \$3 and @ad<"20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/07/08 13:09 |
| S95 | 8 | (substitut\$3 replac\$5 alternat\$3) near10 ((video audio tv television) adj2 channel) same (switch\$3 chang\$3) near10 ((video audio tv television) adj2 channel) same broadcast \$3 and @ad<"20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/07/08 13:16 |

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| S96 | 42 | (substitut\$3 replac\$5 alternat\$3) near5 ((video audio tv television) adj2 channel) same (switch\$3 chang\$3) near5 ((video audio tv television) adj2 channel) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/07/08 13:17 |
| S97 | 25 | (determin\$3 measur\$3 estimat\$3) near5 ((play\$3 remain\$3) near5 (time duration period)) near10 (multimedia stream\$3 video music media broadcast\$3) same (substitut\$3 replac\$3 chang\$3) near10 (multimedia stream\$3 video music media broadcast\$3) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/08 16:10 |
| S99 | 1 | (estimat\$3) near5 ((play\$3 remain\$3) near5 (time duration period)) same (substitut\$3 replac\$3) near10 (multimedia stream \$3 video music media broadcast\$3) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/08 16:12 |
| S98 | 0 | (estimat\$3) near5 ((play\$3 remain\$3) near5 (time duration period)) near10 (multimedia stream\$3 video music media broadcast\$3) same (substitut\$3 replac\$3 chang\$3) near10 (multimedia stream\$3 video music media broadcast\$3) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/08 16:12 |
| S100 | 69 | (estimat\$3) near5 ((play\$3 remain\$3) near5 (time duration period)) near10 (multimedia stream\$3 video music media broadcast\$3 content) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/08 16:13 |
| S102 | 40 | (estimat\$3) near5 ((remain \$3) near5 (time duration period)) near5 (multimedia stream\$3 video music media broadcast\$3 content) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/08 16:14 |

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| S101 | 52 | (estimat\$3) near5 ((remain \$3) near5 (time duration period)) near10 (multimedia stream\$3 video music media broadcast\$3 content) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/08 16:14 |
| S103 | 0 | (estimat\$3) near5 (remain \$3 near5 (play\$3 adj3 (time duration period))) near5 (multimedia stream \$3 video music media broadcast\$3 content) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/08 16:15 |
| S104 | 3 | (estimat\$3) near5 (remain \$3 near5 (play\$3 near5 (time duration period))) near5 (multimedia stream \$3 video music media broadcast\$3 content) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/08 16:16 |
| S106 | 29 | (estimat\$3 determin\$3 measur\$5) near5 ((remain \$3) near5 (time duration period)) same Play\$3 near5 (multimedia stream \$3 video music media broadcast\$3 content) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/08 16:19 |
| S105 | 6 | (estimat\$3) near5 ((remain \$3) near5 (time duration period)) same Play\$3 near5 (multimedia stream \$3 video music media broadcast\$3 content) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/08 16:19 |
| S107 | 11 | (estimat\$3 determin\$3 measur\$5) near5 ((remain \$3) near5 (play\$3 playback render\$3) adj3 (time duration period)) same (multimedia stream \$3 video music media broadcast\$3 content) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/08 16:24 |

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| S108 | 8 | (estimat\$3 determin\$3 measur\$5) near5 ((remain \$3) near5 (play\$3 playback render\$3) adj3 (time duration period length)) same (multimedia stream\$3 video music media broadcast\$3 content) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/08 16:31 |
| S109 | 23 | (estimat\$3 determin\$3) near5 ((remain\$3) near5 (play\$3 playback render \$3) adj3 (time duration period length)) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/08 16:32 |
| S110 | 1717 | (estimat\$3 determin\$3) near5 ((play\$3 playback render\$3) adj3 (time duration period length)) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/08 16:42 |
| S111 | 359 | (estimat\$3 determin\$3) near5 ((play\$3 playback render\$3) adj3 (time duration period length)) near10 (multimedia stream \$3 video music media broadcast\$3 content song) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/08 16:43 |
| S114 | 2 | (estimat\$3) near5 ((play\$3 playback render\$3) adj3 (time duration period length)) near10 (music song) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/08 16:44 |
| S113 | 52 | (estimat\$3 determin\$3) near5 ((play\$3 playback render\$3) adj3 (time duration period length)) near10 (music song) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/08 16:44 |
| S112 | 253 | (estimat\$3 determin\$3) near5 ((play\$3 playback render\$3) adj3 (time duration period length)) near10 (multimedia stream \$3 video music broadcast \$3 song) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/08 16:44 |

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| S115 | 1 | (substitut\$3 replac\$3 alternat\$3) near5 (current present) adj3 (video stream\$3 music media song) same ((particular predetermined) adj3 time and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/08 17:00 |
| S116 | 5 | (substitut\$3 replac\$3 alternat\$3) near10 (current present) adj3 (video stream\$3 music media song) same ((particular predetermined) adj3 time and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/08 17:01 |
| S117 | 210 | (substitut\$3 replac\$3 alternat\$3) near10 (video stream\$3 music media song) near10 ((particular predetermined) adj3 (time point)) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/08 17:02 |
| S120 | 79 | (substitut\$3 replac\$3 alternat\$3) near5 (video stream\$3 music media song) near5 ((particular predetermined specific) adj3 time) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/08 17:03 |
| S119 | 135 | (substitut\$3 replac\$3 alternat\$3) near5 (video stream\$3 music media song) near10 ((particular predetermined specific) adj3 time) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/08 17:03 |
| S118 | 115 | (substitut\$3 replac\$3 alternat\$3) near5 (video stream\$3 music media song) near10 ((particular predetermined) adj3 time) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/08 17:03 |
| S121 | 46 | (substitut\$3 replac\$3) near5 (video stream\$3 music media song) near5 ((particular predetermined specific) adj3 time) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/08 17:04 |
| S122 | 11609 | (estimat\$3 determinis\$3 measur\$5) near5 ((remain \$3) near5 (time duration period)) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/09 10:30 |

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| S124 | 50 | (estimat\$3 determin\$3 measur\$5) near5 ((remain \$3) near5 (time duration period length) near5 program) same (particular predetermined determined) near5 (time period duration length) and @ad< "20030926" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2010/12/09 10:31 |
| S123 | 141 | (estimat\$3 determin\$3 measur\$5) near5 ((remain \$3) near5 (time duration period) near5 program) and @ad< "20030926" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2010/12/09 10:31 |
| S126 | 1 | (estimat\$3 determin\$3 measur\$5) near5 ((remain \$3) near5 (time duration period length) near5 program) same (particular predetermined determined specific) near5 (time period duration length) same (replac\$3 substitut\$3 block\$3) near10 (program) and @ad< "20030926" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2010/12/09 10:32 |
| S125 | 50 | (estimat\$3 determin\$3 measur\$5) near5 ((remain \$3) near5 (time duration period length) near5 program) same (particular predetermined determined specific) near5 (time period duration length) and @ad< "20030926" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2010/12/09 10:32 |
| S127 | 3 | (estimat\$3 determin\$3 measur\$5) near5 ((remain \$3) near5 (time duration period length) near5 program) same (particular predetermined determined specific) near5 (time period duration length) same (replac\$3 substitut\$3 block\$3) and (@ad< "20030926" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2010/12/09 10:33 |
| S129 | 27 | (estimat\$3 determin\$3 measur\$5) near5 ((remain \$3) adj3 (time duration period length) near5 program) same (particular predetermined determined specific) near5 (time period duration length) and @ad< "20030926" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2010/12/09 10:34 |

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| S128 | 50 | (estimat\$3 determin\$3 measur\$5) near5 ((remain \$3) near5 (time duration period length) near5 program) same (particular predetermined determined specific) near5 (time period duration length) and @ad< "20030926" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2010/12/09 10:34 |
| S130 | 0 | (particular specific) near5 (time period duration length) same (receiv\$3 request\$3) near10 (command near5 (replac\$3 substitut\$3 block\$3)) near10 (current present) adj5 (program channel) and @ad< "20030926" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2010/12/09 10:50 |
| S131 | 0 | (estimat\$3 measur\$5 determin\$3) near5 (time period duration length) same (receiv\$3 request\$3) near10 (command near5 (replac\$3 substitut\$3 block \$3)) near10 (current present) adj5 (program channel) and @ad< "20030926" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2010/12/09 10:51 |
| S132 | 2 | (estimat\$3 measur\$5 determin\$3) near5 (time period duration length) same (receiv\$3 request\$3) near10 (replac\$3 substitut \$3 block\$3) near5 (current present) adj5 (program channel) and @ad< "20030926" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2010/12/09 10:52 |
| S134 | 322 | (estimat\$3 measur\$5 determin\$3) near5 (time period duration length) same (receiv\$3 request\$3) near5 (replac\$3 substitut \$3 block\$3) near5 (program channel) and @ad< "20030926" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2010/12/09 10:54 |
| S133 | 483 | (estimat\$3 measur\$5 determin\$3) near5 (time period duration length) same (receiv\$3 request\$3) near10 (replac\$3 substitut \$3 block\$3) near5 (program channel) and @ad< "20030926" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2010/12/09 10:54 |

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| S135 | 78 | (estimat\$3 measur\$5 determin\$3) near5 (time period duration length) near5 (program) same (receiv\$3 request\$3) near5 (replac\$3 substitut\$3 block \$3) near5 (program) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/09 10:55 |
| S136 | 0 | (estimat\$3) near5 (time period duration length) near5 (program) same (receiv\$3 request\$3) near5 (replac\$3 substitut\$3 block \$3) near5 (program) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/09 10:56 |
| S137 | 1 | (estimat\$3 measur\$5 determin\$3) near5 (time period duration length) near5 (program near5 end \$3) same (receiv\$3 request \$3) near5 (replac\$3 substitut\$3 block\$3) near5 (program) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/09 10:57 |
| S138 | 7 | (estimat\$3 measur\$5 determin\$3) near5 (time period duration length) near5 (program) same (receiv\$3 request\$3) near5 (replac\$3 substitut\$3) near5 (program) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/09 10:59 |
| S139 | 13 | (estimat\$3 measur\$5 determin\$3) near5 (time period duration length) near5 (program) same (receiv\$3 request\$3) near5 (replac\$3 substitut\$3 block \$3) near5 (command) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/09 11:02 |
| S142 | 3 | (estimat\$3 measur\$5 determin\$3) near10 (time period duration length) near5 (program) same (receiv\$3 request\$3) near10 (program near5 (replac\$3 substitut\$3 block \$3)) near5 (command) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/09 11:04 |

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| S141 | 3 | (estimat\$3 measur\$5 determin\$3) near5 (time period duration length) near5 (program) same (receiv\$3 request\$3) near10 (program near5 (replac\$3 substitut\$3 block\$3)) near5 (command) and @ad< "20030926" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2010/12/09 11:04 |
| S140 | 3 | (estimat\$3 measur\$5 determin\$3) near5 (time period duration length) near5 (program) same (receiv\$3 request\$3) near5 (program near5 (replac\$3 substitut\$3 block\$3)) near5 (command) and @ad< "20030926" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2010/12/09 11:04 |
| S144 | 21 | (time period duration length) near5 (program) same (receiv\$3 request\$3) near10 (program near5 (replac\$3 substitut\$3 block\$3)) near5 (command) and @ad< "20030926" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2010/12/09 11:05 |
| S143 | 285 | (receiv\$3 request\$3) near10 (program near5 (replac\$3 substitut\$3 block\$3)) near5 (command) and @ad< "20030926" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2010/12/09 11:05 |
| S146 | 109 | (receiv\$3 request\$3) near10 (((tv television radio) adj3 program) near5 (replac\$3 substitut\$3 block\$3)) and @ad< "20030926" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2010/12/09 11:10 |
| S145 | 3 | (receiv\$3 request\$3) near10 (((tv television radio) adj3 program) near5 (replac\$3 substitut\$3 block\$3)) near5 (command) and @ad< "20030926" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2010/12/09 11:10 |
| S149 | 21 | (receiv\$3 request\$3) near5 (((tv television radio) adj3 program) near5 (replac\$3 substitut\$3 block\$3)) near5 (signal command input) and @ad< "20030926" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2010/12/09 11:11 |

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| S148 | 39 | (receiv\$3 request\$3) near10 (((tv television radio) adj3 program) near5 (replac\$3 substitut \$3 block\$3)) near5 (signal command input) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/09 11:11 |
| S147 | 45 | (receiv\$3 request\$3) near10 (((tv television radio) adj3 program) near5 (replac\$3 substitut \$3 block\$3)) near10 (signal command input) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/09 11:11 |
| S150 | 14 | (receiv\$3 request\$3) near10 (((tv television radio) adj3 program) near5 (replac\$3 substitut \$3)) near5 (signal command input) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/09 11:12 |
| L2 | 0 | (fad\$3 adj out) near5 (content media music song) near10 (expir\$4 near5 time) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/13 09:52 |
| L1 | 0 | (fad\$3 adj out) near5 (content media music song) near10 (expiration near5 time) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/13 09:52 |
| L4 | 6 | (fad\$3 adj out) near10 (expir\$4 near5 (time period duration length)) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/13 09:53 |
| L3 | 0 | (fad\$3 adj out) near5 (content media music song) near10 (expir\$4 near5 (time period duration length)) and @ad< "20030926" | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO | OR | ON | 2010/12/13 09:53 |

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